

**INTER PARTES REVIEW CERTIFICATE**  
**U.S. Patent 7,846,441 K1**  
**Trial No. IPR2017-00731**  
**Certificate Issued Feb. 16, 2021**

**1**

**2**

AS A RESULT OF THE INTER PARTES  
REVIEW PROCEEDING, IT HAS BEEN  
DETERMINED THAT:

Claims **1-14** are cancelled.

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